User's Manual

ActionCam
EVH625BL

Product Manual

EVH625BL

Functions

Thank you for purchasing this ActionCam. This product features clear, high-definition picture and video in AVI format. The portable design makes it easy to take pictures and record video wherever you go. To get the most out of your ActionCam, please make sure to carefully read this manual and keep it for future reference.

Screen display and diagrams used in this manual are for detailed and visualized introduction for this digital ActionCam. Because of technical R&D, the displays and diagrams may vary within the actual digital ActionCam.

Precautions

Before using the ActionCam, please carefully read this user's manual to ensure that you use the ActionCam in a correct and safe manner in order to achieve the best performance and good working condition.

◆ Do not leave the ActionCam in direct sunlight for long periods of time. Keep the lens of the ActionCam away from direct sunlight to avoid damaging the image sensor.

◆ Please avoid water or sand entering the ActionCam while using it on sand beach or by water. Water, sand, dust or particles containing salt may damage the ActionCam.

◆ Keep the ActionCam away from dust and chemical materials. When not in use, store the ActionCam in a cool and dry place with good ventilation. Do not store the ActionCam in a place with high temperature, humidity or dust in order to prevent abnormal ActionCam operation.

◆ In case of accumulated dirt or dust on the ActionCam, wipe the ActionCam with a soft, clean and dry cloth. In case of dirt on the ActionCam or lens, gently blow off the dirt to clean.

◆ To clean the surface of the ActionCam lens, first gently blow off the dust, then wipe it with soft cloth or wipe suitable for cleaning optical instruments. If necessary, please clean ActionCam with lens cleaner. Do not clean the lens with other cleaning materials, as it may damage the lens.

◆ Touching the surface of the lens with finger may damage the lens.

◆ Before inserting a memory card into the ActionCam, first make a back up of the data, and then format the memory card for ActionCam use.

◆ An external TF card is necessary for use with the ActionCam. The following may cause loss or damage of the data:

1. Improper use of the memory card.
2. A broken or damaged memory card.
3. High temperatures and humidity or direct sunlight.
4. Static fields or electromagnetic field nearby.
5. Taking out the memory card while the ActionCam is on or while in use when plugged into a computer (when memory card is reading, writing or formatting).
7. Using a memory card that is no longer in good working condition.
8. If the ActionCam freezes, press the reset hole on the bottom of the ActionCam with a paperclip. All data on SD card will be lost.

About the Product

◆ This product is compact and features easy installation.
◆ The product features high definition video and dynamic images. Even under low illumination, video can be recorded, and it also supports AVI video format.
◆ Support VGA (640x480) and HD (1280x720) capturing.
◆ Three different image size options: 5M, 3M and 1M.
◆ This product supports time and date watermark function. The time and date can be displayed while recording.
◆ USB 2.0 port
◆ Support max. 32G TF card.
◆ This product features loop recording. New video and images will replace the oldest files. Be sure to save all files when the "Full Memory" message appears on the screen before the oldest files are erased.
◆ This product is equipped with on-site replay function. You may check the video recorded on-site with the display.

System Requirements

System Requirements	
Operation system	Microsoft Windows 2000, XP, Vista, 7, or more
CPU	Above Intel Pentium III 800MHz or equivalent CPU
Memory	Minimum 512MB
Sound card, video card	Sound card and video card should support DirectX8 or higher version
Hard disk	Over 500MB free space
Others	1 standard USB1.1 or USB2.0 interface

ActionCam Overview

Mode switch:
-Photograph
-Video
-Replay

Lens

Power ON/OFF

Shutter

Charging Indicator

Operation Indicator
Up Key

OK Key

LCD TFT

Down Key

| Key/Indicator	Function	
Power On/Off	Power the ActionCam on or off. In menu mode, switch between normal (effect parameters and replay of image, video) and setup menu.	
Shutter-Release Button	In video mode, press to start/stop recording video. In capture mode, press to take a picture. In replay mode, press to replay a video. In menu mode, press to confirm your selection.	
Up key	Capture/Video Mode: Zoom In Menu Mode: Scroll up in Menu Selection Replay Mode: Pause/Play Video	
OK key	Open or Exit Menu. Replay Mode: Stop playing video	
Down key	Capture/Video Mode: Zoom Out Menu Mode: Scroll Down in Menu Selection	
Mode switch	Switch between Capture Mode, Video Mode, and Replay Mode.	
Light Indicators	The top light is a charging indicator.	In power-off state, the indicator will be lit when the ActionCam is charging.
	The bottom light is an operation indicator.	Operation indicator will flash once when taking a picture. In charging mode, the operation indicator will be lit.

Preparation

1. Charge built-in lithium battery

Charger Indicator Lights

In power-off state, connect the ActionCam to a computer to begin charging. The charger indicator will light up when charging, and will turn off when the ActionCam is fully charged. Generally, it takes about 2-4 hours for the ActionCam to be fully charged.

2. Use memory card

1. Fully insert a memory card into the memory card slot.
2. To take out the memory card, gently press down the memory card to eject.
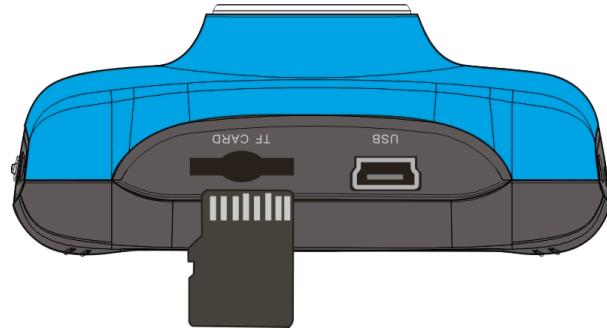
Note: The ActionCam is not equipped with a built-in memory, and thus a memory card is required.

3. Power On/Off:

1. Power On: Press and hold the power key for 3 seconds. The screen should turn on and the ActionCam will enter the startup state.
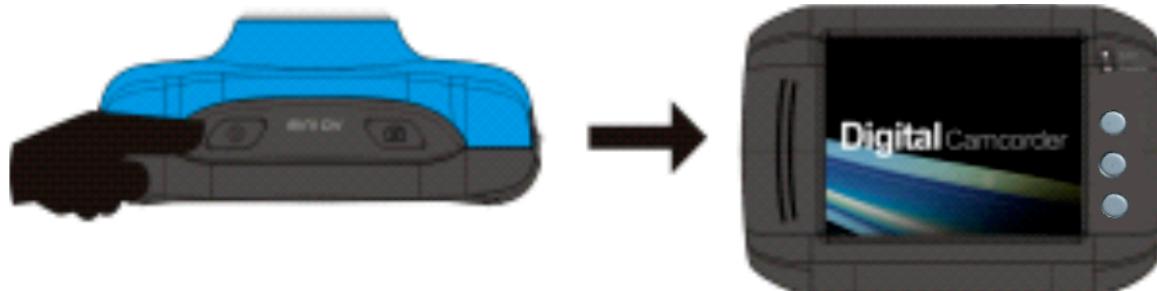
2. Power Off: In idle state of the ActionCam, press the power key to turn the ActionCam off.
   Automatic Power Off: When the ActionCam is left in an idle state, it will automatically turn off to save power. The default time of the system automatic power off is 5 minutes.

3. Power Off due to low battery: In case of extremely low battery, the low battery icon " " will appear on the LCD screen. This indicates that you need to charge the ActionCam battery. When the icon turns red and flashes, the ActionCam will automatically power off.

4. Functional ActionCam Modes

The ActionCam is equipped with three modes: capture, video and replay mode. After power-on, you can switch to each mode with the Mode switch.

Capture mode: Take pictures.
Video mode: Record video (5 minutes, 3 minutes, and 1 minute).
Replay mode: Picture and video file playback.
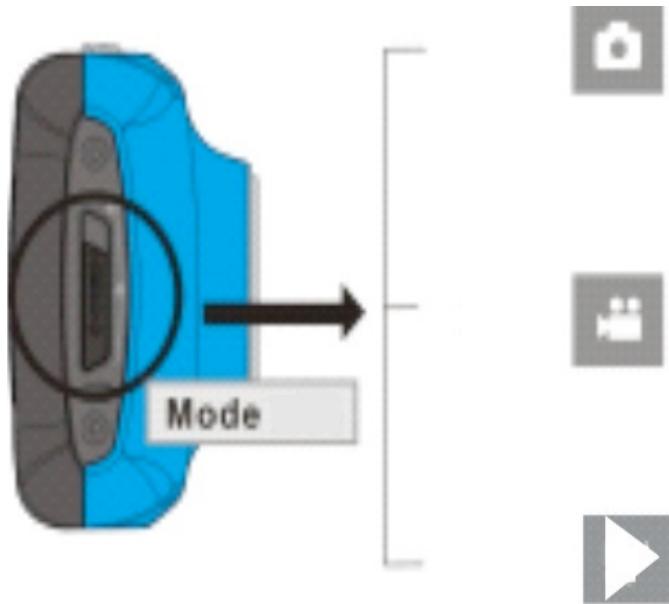

5. Indicators

Operation indicator: When the ActionCam is powered on (e.g. recording video, capturing or automatic screen turn-off), the operation indicator lights up.

Charger indicator: Indicator light is constant to notify you that your ActionCam is being charged.

6. Video Mode

When switching to video mode, press the shutter-release button to enter preview state to start recording video. To stop video recording, press the shutter-release button again. If the memory card becomes full while video recording or the battery is too low, the ActionCam will automatically stop recording.

1. **00:00:01**: Time Meter: Indicates the time of video being recorded
2. ⛰: Video Mode icon: Indicates video recording mode.
3. 3min: Loop Record Video Time icon: Indicates the current loop video recording time is 3 minutes.
4. 🖵: Movie Size: Indicates the current video size is 720P.
5. 🖴: Indicates memory card is inserted.
6. 🔍1.84: Digital Zoom Magnification: Press Up and Down key to adjust the zoom between 1x-4x.
7. 🔋: Battery icon: Indicates the current battery level.
8. AUTO: White Balance icon: Indicates the current white balance mode is automatic.
9. ▣: Metering icon: Indicates the current exposure mode.
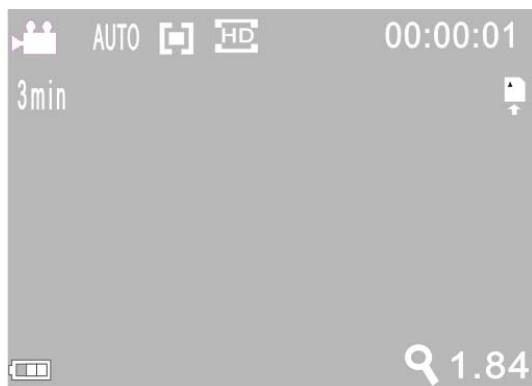
Video Menu Setup

In video mode, press the OK key to open the menu. Press the Up and Down key to scroll through menu selections. When selecting a menu option, the background of the currently selected item will be highlighted. Press the Shutter-Release button to enter the sub-menu. In the sub-menu, press the Up and Down keys to scroll through menu selections. Then press the Shutter-Release button to confirm your selection and go back to the main menu. In the main menu, press OK key to exit the menu screen.
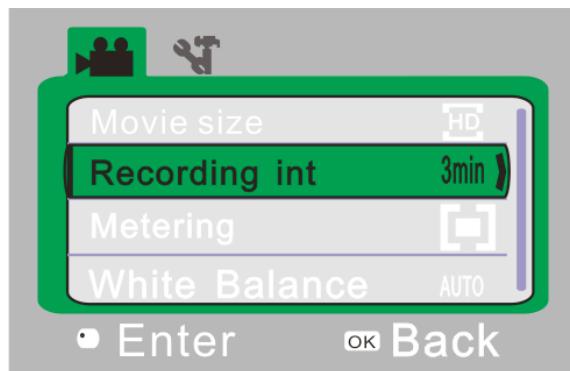

▲Video Menu

Video Menu Options

Main Menu	Sub-Menu	Description
Video format	1280x720	High-resolution format.
	640X480	Medium-resolution format.
Recording int	Off	Power off recording
	1min	Set record for 1 minute as a repeating phase.
	3min	Set record for 3 minutes as a repeating phase.
	5min	Set record for 5 minutes as a repeating phase.
Metering	Central metering	Metering subject to the central area.
	Multi-point metering	Metering subject to multi-points.
	Point metering	Metering subject to one point.
White balance	Automatic	Using automatic white balance, suitable for most environments.
	Daylight	Suitable for daylight environment.
	Cloudy	Suitable for cloudy environment.
	Fluorescent light	Suitable for fluorescent light source environment.
	Tungsten light	Suitable for tungsten light source environment.
Special effect	Normal	Normal effect.
	White and black	White and black effect.
	Sepia	Sepia effect.
	Negative film	Negative film effect.
	Red	Reddish effect.
	Green	Greenish effect.
	Blue	Bluish effect.
Date stamp	Off	Turn off display date/time on the file.
	Date	During capture/record mode, display date on right bottom corner of the file.
	Date and time	During capture/record mode, display date and time on right bottom corner of the file.

7. Video recording:
Push the Mode switch to Video Mode. Open the menu, press the Down key, and then select "REC interval". Then press the shutter-release button to enter the sub-menu with the 1-minute, 3-minute, and 5-minute recording loop mode options. Select a recording loop option and press the OK key for confirmation. Press the OK key again to exit from the menu. Press the shutter-release button to start video recording. During video recording, the ActionCam will automatically stop recording video based on your 1-minute, 3-minute, or 5-minute selection and will immediately start a new video recording with the same time limit. This process will continue until you press the shutter-release button to stop recording or when the memory card is full.
WARNING! When the memory card is full, the earliest recorded files will be deleted to create space for new

▲Open video recording menu   ▲Select loop recording time   ▲Exit from menu and and press
and press OK to confirm   the shutter-release button to start loop recording.

Note: When selecting OFF in "REC interval" menu, the ActionCam will return to normal recording. Normal recording has no time limit. You must press the shutter-release button to stop recording.

8. Capture Mode:

Push Mode switch to Capture Mode. Press shutter-release button once to preview captured images.

1. **9999**: Counter: Indicates quantity of picture space available.
2. : Mode icon: Indicates ActionCam is in Capture Mode.
3. : Movie Size: Click this icon to select among 1M/3M/5M.
4. : Indicates memory card is inserted.
5. : Digital Zoom Magnification: Press Up and Down key to
        adjust the zoom between 1x-4x.
6. : Battery icon: Indicates current battery level.
7. : Self-Timer icon: Indicates the self-timer mode is set to 10 seconds.
8. : White Balance icon: Indicates the white balance mode is automatic.
9. : Metering icon: Indicates the current exposure mode.
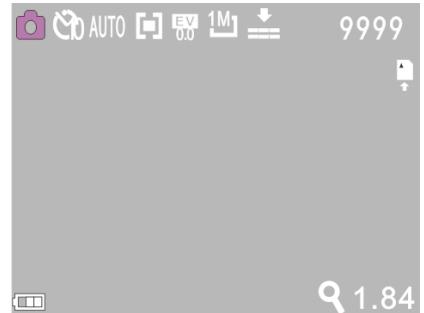
Capture Menu Setup

In capture mode, press the OK key to open the menu. Press the Up and Down key to scroll through menu selections. When selecting a menu option, the background of the currently selected item will be highlighted. Press the Shutter-Release button to enter the sub-menu. In the sub-menu, press the Up and Down keys to scroll through menu selections. Then press the Shutter-Release button to confirm your selection and go back to the main menu. In the main menu, press OK key to exit the menu screen.
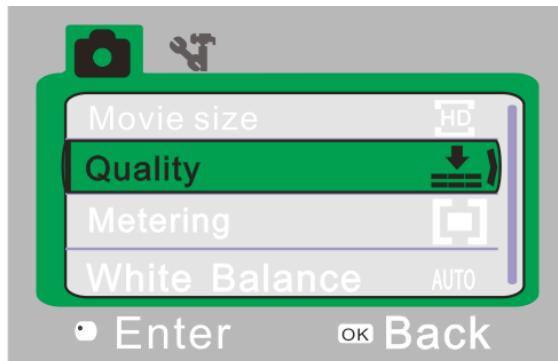
▲Capture Menu

Capture Menu Options

| Main Menu	Sub-Menu	Description
Image size	2592 x 1944	5-megapixel resolution.
	2048 x 1536	3-megapixel resolution.
	1280 x 960	1-megapixel resolution.
Image quality	Excellent	Best quality image.
	Good	Good image quality.
	Normal	General quality image.
Metering mode	Central Metering	Metering subject to the central area.
	Megapixel resolution	Metering subject to multi-points.
	Point Metering	Metering subject to one point.
White balance	Automatic	Using automatic white balance, suitable for most cases.
	Daylight	Suitable for daylight environment.
	Cloudy	Suitable for cloudy environment.
	Fluorescent light	Suitable for fluorescent light source environment.
	Tungsten light	Suitable for tungsten light source environment.
Exposure	/	Use Left and Right Keys to adjust exposure.
Capture mode	Off	Use general single-shot mode.
	2s	Use 2 sec. delay self-timer mode.
	10s	Use 10 sec. delay self-timer mode.
	Continuous shooting	Use continuous shooting.
Special effect	Normal	Normal effect.
	White and black	White and black effect.
	Sepia	Sepia effect.
	Negative film	Negative film effect.
	Red	Reddish effect.
	Green	Greenish effect.
	Blue	Bluish effect.
Date stamp	Off	Turn off displaying date/time on the file.
	Date	During capture/record mode, display date on right bottom corner of the file.
	Date / time	During capture/record mode, display date and time on right bottom corner of the file.

9 Playback Mode:

9.1 After powering on, push Mode switch to Playback mode:

1. ▣: Mode icon: Indicates ActionCam is in playback mode.
2. ▦: Indicates number of files in a folder.
3. ⊙ⅶ: Indicates that the current folder is locked.
4. ▣: Indicates current file is a video file.
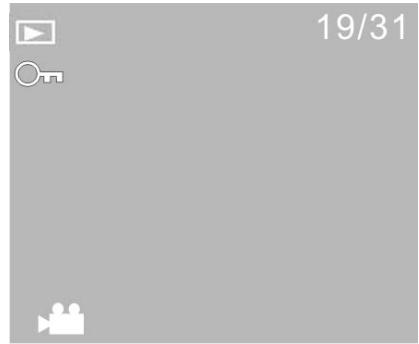
9.2 Playback Menu Setup

In playback mode, press the OK key to open the menu. Press the Up and Down key to scroll through menu selections. When selecting a menu option, the background of the currently selected item will be highlighted. Press the Shutter-Release button to enter the sub-menu. In the sub-menu, press the Up and Down keys to scroll through menu selections. Then press the Shutter-Release button to confirm your selection and go back to the main menu. In the main menu, press OK key to exit the menu screen.
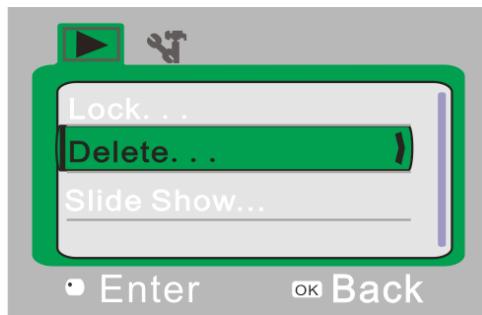
▲Playback Menu

Playback Menu Options

Main menu	Sub-menu	Description
Lock	Lock/Unlock this file	Lock/Unlock this file.
	Lock all	Lock all files.
	Unlock all	Unlock al files.
Delete	Delete this file	Delete the current file.
	Delete all	Delete all files.
Slide Show	Start	Start playing slide show.
	Interval	1 second -10 seconds.
	Repeat	Yes/No.

10

9.3 Play Movie Clips:
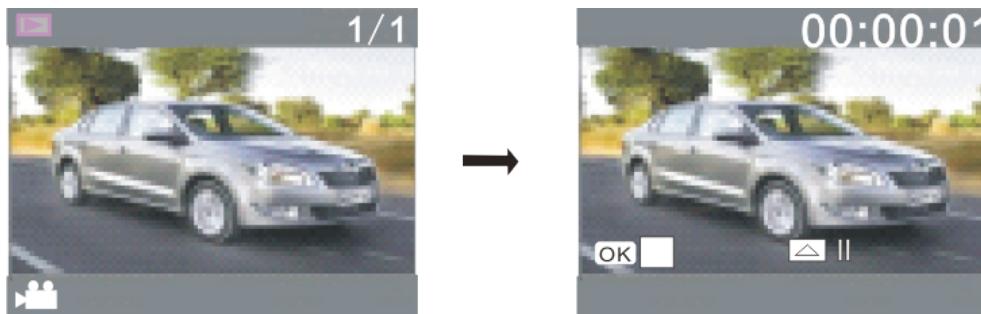
During video playback, press the shutter-release button to play video. Press the Up key to pause. Press the shutter-release button again to stop playing video.

9.4 Delete File:
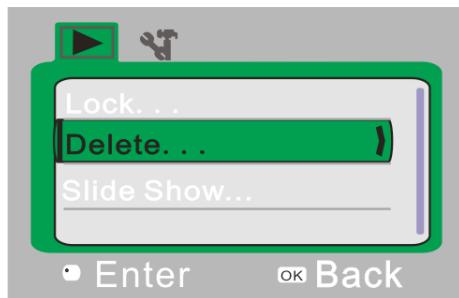
1) After selecting the file to be deleted, open the menu, and press the Up/Down key to select "Delete".
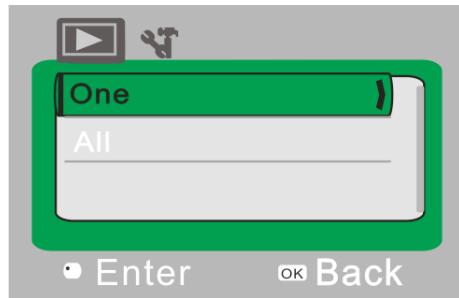
2）Press the Shutter-Release button to enter the sub-menu. Select "One", and then press the Shutter-Release button again to confirm. "All" means to delete all files.
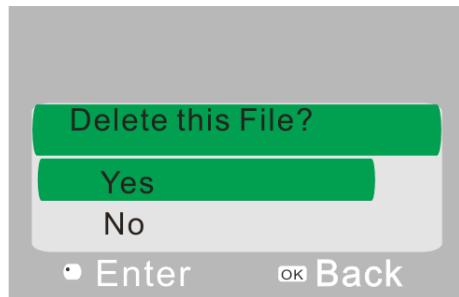
3) After selecting "Yes", press the Shutter-Release button to delete the file. When the file is deleted, press OK key to exit from the menu.

10. System Setup Menu:

In capture mode, video mode or playback mode, press the OK key to open the menu. Press the Up and Down key to scroll through menu selections. When selecting a menu option, the background of the currently selected item will be highlighted. Press the Shutter-Release button to enter the sub-menu. In the sub-menu, press the Up and Down keys to scroll through menu selections. Then press the Shutter-Release button to confirm your selection and go back to the main menu. In the main menu, press OK key to exit the menu screen.
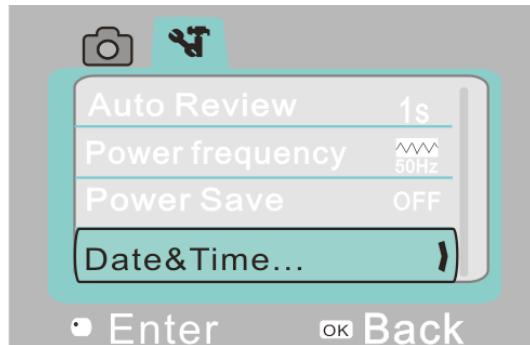

▲System Setup Menu

System Setup Menu Options

Main Menu	Sub-Menu	Description
Automatic Playback	Off	No playback review after capture.
	1 second	Playback review 1 second after capture.
	3 seconds	Playback review 3 seconds after capture.
Power frequency	50Hz	Set to 50Hz light source frequency.
	60Hz	Set to 60Hz Playback performed 1 second later after capture.
Automatic shutdown	1 minute	Automatic shutdown within 1 minute of idle time.
	3 minutes	Automatic shutdown 3 seconds after capture.
	5 minutes	Automatic shutdown 5 seconds after capture.
	OFF	Cancel automatic shutdown.
Date and time	/	Set up date and time format.
Language	/	Set up the language.
Format	Yes/No	Format memory card.
Default value	Yes/No	Back to default value.

Setting the Date and Time:

Press the OK key to open the menu, and press the power button to enter the setup menu. Press the Down key to select "Date & Time". Then press the shutter-release button to enter the setup menu for Date and Time.
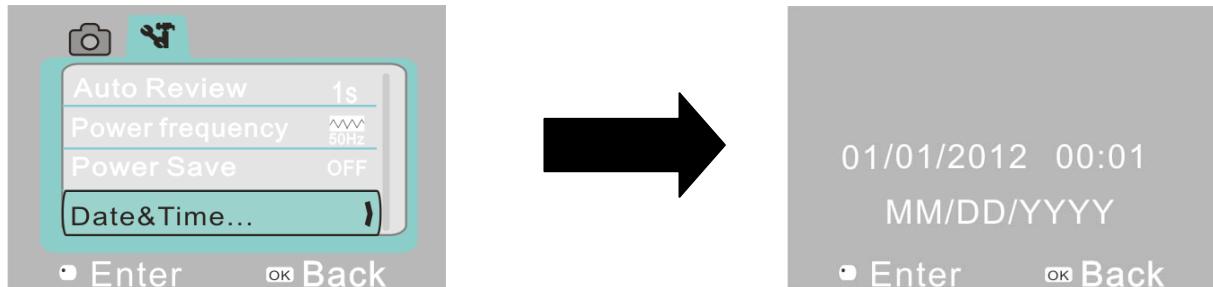
In the Date and Time menu, press the power button to select the item you want to set (date, time, year, etc.). The selected item will be highlighted in yellow. Then press the Up or Down key to adjust the date and time. Once the date and time is set, press the shutter-release button to confirm your changes. Press the OK key to exit the date and time setup and return to the previous screen. Press the OK key again to exit the setup mode.

Application in PC

1. **Connect to a PC**

    The ActionCam is equipped with a plug and play function. Connect the ActionCam to the computer with a USB cable.

    A portable hard disk icon will be shown in "My Computer" on your PC. Captured images and are stored in the portable hard disk folder I:\DCIM\100MEDIA ("I" indicates equipment portable hard disk)
    Under the environment with electrostatic discharge, the product may be hanged and the PC-link could not be maintained. If the portable hard disk icon can't be found in the "My Computer" section of your PC, you may have to disconnect the ActionCam and reconnect again.

2. Use Computer ActionCam Function

   After connecting the ActionCam to the computer, press the OK key to enter ActionCam mode.

Technical Parameters

Image sensor	1.3 megapixel (CMOS)
Function mode	Video, Capture, Car Mode, Portable Disc, PC Cam
Lens	F3.1 f = 6.5mm
Digital zoom	4x
Shutter	Electronic shutter
LCD display	1.77" TFT screen
Image resolution	5M (2592 × 1944), 3M (2048 ×1536), 1M (1280 × 1024)
Video resolution	VGA: 640 x 480 (60 frame/second); 720P: 1280 x 720 (30 frame/second)
White balance	Automatic / Sunny / Cloudy / Fluorescent light / Tungsten light
Exposure	-2.0 ~ +2.0
File format	Video: AVI; Imag: JPEG
Storage medium	TF card (Max. support 32GB)
USB interface	High-speed USB 2.0 interface
Power supply	Built-in 3.7V chargeable lithium battery
Dimensions (LxWxH)	62 x 43 x 27mm
Weight	Roughly 48g

Standard package

ActionCam   User Manual   USB cable

Accessories:

1) Waterproof Case:

The transparent case included with this product allows you to capture movies or photos in wet conditions, even in the water. To do this, simply select the desired mode (photo or video), select the desired criteria, and place the ActionCam in the waterproof case. Make sure the ActionCam is secure, and that the case is locked shut with the locking clip. Once the ActionCam is inside the waterproof case, the buttons can be pressed by pushing the buttons located on top of the waterproof case.


Locking clip
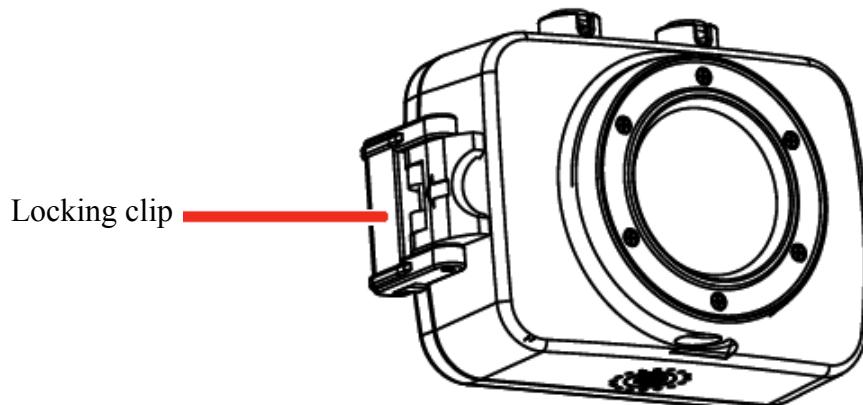
Warning:
- Once the ActionCam installed in the case make sure that all seals are in place to prevent water intrusions.
- Do not use an aggressive cleaning product such as acetone to clean the case to prevent permanent damage.

2) Handlebar clamp:

The handlebar clamp allows the ActionCam to attach on to handlebars or other bars of the same type.
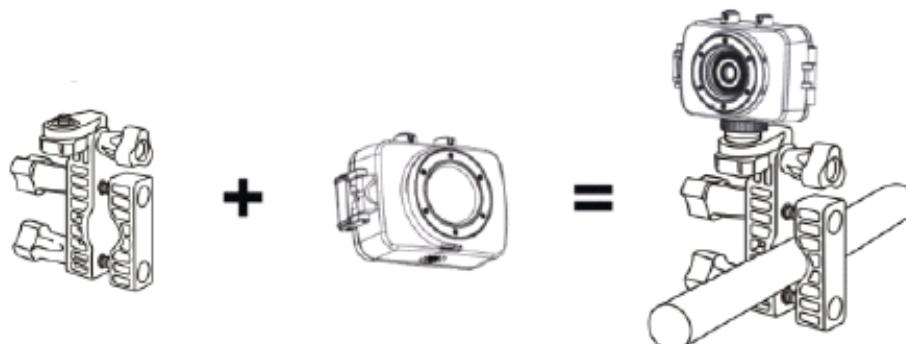
3) Helmet Clamp:

The ActionCam can be fixed on a ventilated helmet, with the provided strap and the helmet kit.
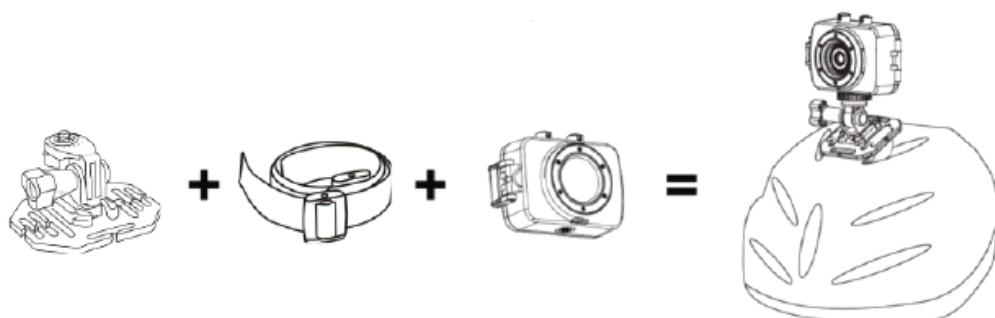
Note About Disposal

Older appliances should not be discarded with household waste. You must take them to a specific disposal site (check with your local authority) or to your retailer. These sites will guarantee disposal without harming the environment